CLAIMS

What is claimed is:

1. A method for communicating information in a server, the method comprising:

receiving at least one packet from a first blade server of a plurality of blade servers, at least a portion of which is coupled to a common bus;

determining at least one identifier associated with at least a second blade server based on at least a portion of said received at least one packet; and

routing at least a portion of said at least one received packet to at least said second blade server.

2. The method according to claim 1, further comprising transferring said at least a portion of said at least one received packet to said at least said second blade server via said common bus.

3. The method according to claim 1, further comprising controlling said routing of said at least a portion of said received packet by a switch blade coupled to said common bus.

4. The method according to claim 3, further comprising determining at least one identifier of said switch blade.

5. The method according to claim 4, further comprising determining at least one identifier of said first blade server.

6. The method according to claim 5, wherein said identifier of said first blade server, said identifier of said second blade server and said identifier of said switch blade is at least one of a MAC address and an IP address.

7. The method according to claim 1, further comprising:

acquiring at least one identifier of said first blade server; and

transferring said acquired at least one identifier of said first blade server to at least said second blade server.

8. The method according to claim 1, further comprising broadcasting at least a portion of said at least one received packet on said common bus.

9. The method according to claim 1, further comprising receiving a broadcast containing said at least one received packet.

10. The method according to claim 1, further comprising receiving at least one packet from said second blade server and transferring said at least at portion of said at least one packet received from said second blade server to at least one of said first blade server and a third blade server.

11. A machine-readable storage having stored thereon, a computer program having at least one code section for communicating information in a server, the at least one code section being executable by a machine for causing the machine to perform steps comprising:

receiving at least one packet from a first blade server of a plurality of blade servers, at least a portion of which is coupled to a common bus;

determining at least one identifier associated with at least a second blade server based on at least a portion of said received at least one packet; and

routing at least a portion of said at least one received packet to at least said second blade server.

12. The machine-readable storage according to claim 11, further comprising code for transferring said at least a portion of said at least one received packet to said at least said second blade server via said common bus.

13. The machine-readable storage according to claim 11, further comprising code for controlling said routing of said at least a portion of said received packet by a switch blade coupled to said common bus.

14. The machine-readable storage according to claim 13, further comprising code for determining at least one identifier of said switch blade.

15. The machine-readable storage according to claim 14, further comprising code for determining at least one identifier of said first blade server.

16. The machine-readable storage according to claim 15, wherein said identifier of said first blade server, said identifier of said second blade server and said identifier of said switch blade is at least one of a MAC address and an IP address.

17. The machine-readable storage according to claim 11, further comprising:

code for acquiring at least one identifier of said first blade server; and

code for transferring said acquired at least one identifier of said first blade server to at least said second blade server.

18. The machine-readable storage according to claim 11, further comprising code for broadcasting at least a portion of said at least one received packet on said common bus.

19. The machine-readable storage according to claim 11, further comprising code for receiving a broadcast containing said at least one received packet.

20. The machine-readable storage according to claim 11, further comprising code for receiving at least one packet from said second blade server and transferring said at least at portion of said at least one packet received from said second blade server to at least one of said first blade server and a third blade server.

21. A system for communicating information in a server, the system comprising:

at least one blade server that receives at least one packet from a first blade server of a plurality of blade servers, at least a portion of which is coupled to a common bus;

said at least one blade server determines at least one identifier associated with at least a second blade server based on at least a portion of said received at least one packet; and

said at least one blade server routes at least a portion of said at least one received packet to at least said second blade server.

22. The system according to claim 21, wherein said at least one blade server transfers said at least a portion of said at least one received packet to said at least said second blade server via said common bus.

23. The system according to claim 21, wherein said at least one blade server and at least one bus controller controls said routing of said at least a portion of said received packet by a switch blade coupled to said common bus.

24. The system according to claim 23, wherein said at least one blade server determines at least one identifier of said switch blade.

25. The system according to claim 24, wherein said at least one blade server determines at least one identifier of said first blade server.

26. The system according to claim 25, wherein said identifier of said first blade server, said identifier of said second blade server and said identifier of said switch blade is at least one of a MAC address and an IP address.

27. The system according to claim 21, wherein said at least one blade server:

acquires at least one identifier of said first blade server; and

transfers said acquired at least one identifier of said first blade server to at least said second blade server.

28. The system according to claim 21, wherein said at least one blade server broadcasts at least a portion of said at least one received packet on said common bus.

29. The system according to claim 21, wherein said at least one blade server receives a broadcast containing said at least one received packet.

30. The system according to claim 21, wherein said at least one blade server receives at least one packet from said second blade server and transfers said at least at portion of said at least one packet received from said second blade server to at least one of said first blade server and a third blade server.